

ABSTRACT

A data structure generation system. The system includes a knowledge base configured to store data structure components as objects in an object-relational hierarchy. Each object is configured to have a precedence, to include one or more rules, and to include content. The knowledge base may be coupled to a data structure assembly facility configured to retrieve one or more cross-referenced data structure components from a database. The one or more data structure components are configured to have a precedence level, and may be processed in a processor to generate a tree having a root node. The tree may be processed beginning at the root node, and objects of low precedence may be overridden with objects of high precedence.

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